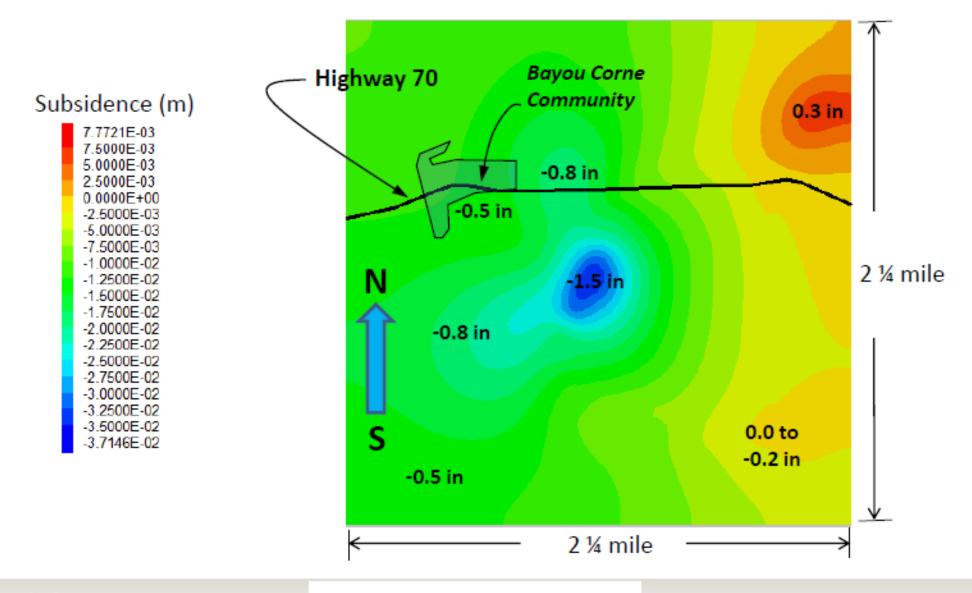
# Model Predictions of Ground Surface Subsidence

- The subsidence analyses conducted by Itasca is still subject to review, therefore
  the results shown should be considered <u>PRELIMINARY</u>.
- The model analyses show:
  - (a) Measured subsidence rates in 2012 and 2013 are higher than predicted rates, but appear to be decreasing.
  - (b) Predicted subsidence rates for the period 1.5 years from now are lower than historical rates (-0.4 to -0.8 in/yr) above the salt dome and similar to projected historical rates (-0.2 to -0.4 in/yr) west of the salt dome, including the Bayou Corne residential community.

# Model Predictions of Ground Surface Subsidence

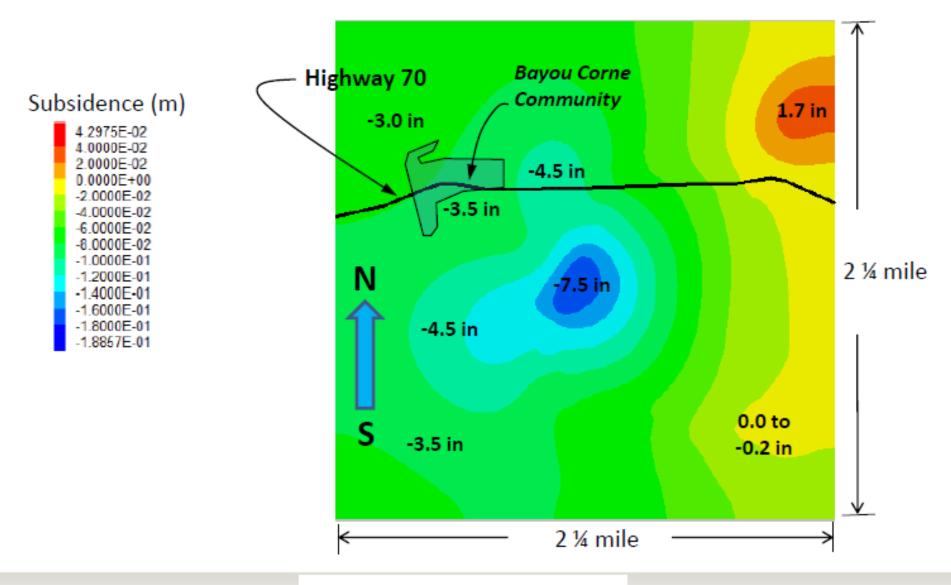
- The model analyses show:
  - (c) Predicted subsidence rates increase during the period 1.5 years to 5 years from now, showing rates from -0.6 in/yr to -1 in/yr west of the dome including the Bayou Corne residential community, and closer to historical rates above the dome.
  - (d) Predicted subsidence rates decrease for the period beyond 5 years from now with rates from 10 to 30 years being similar to the historical data above the salt dome and slightly above historical rates west of the dome.

### Predicted Subsidence Contours: after 1.5 Years (2015)



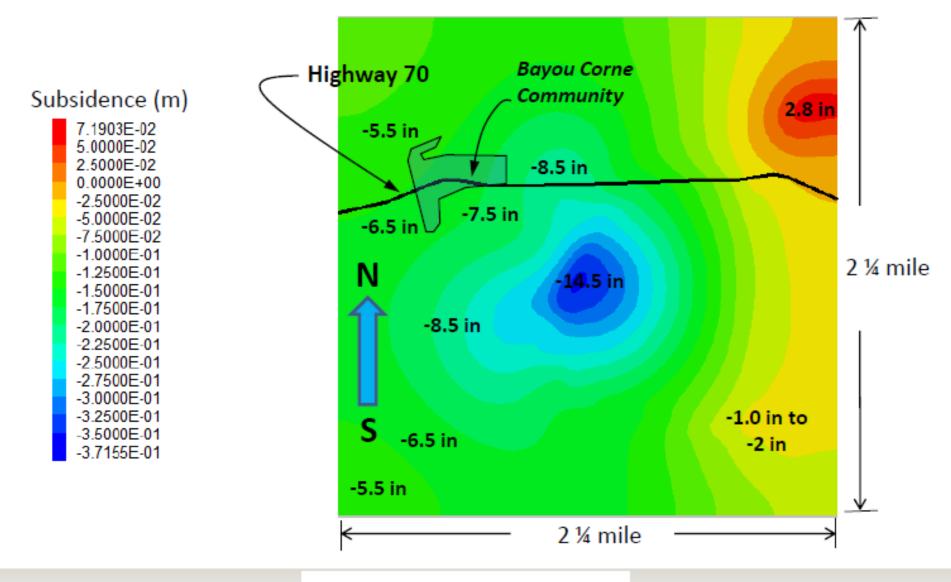
**ITASCA** 

### Predicted Subsidence Contours: after 5 Years (2018)



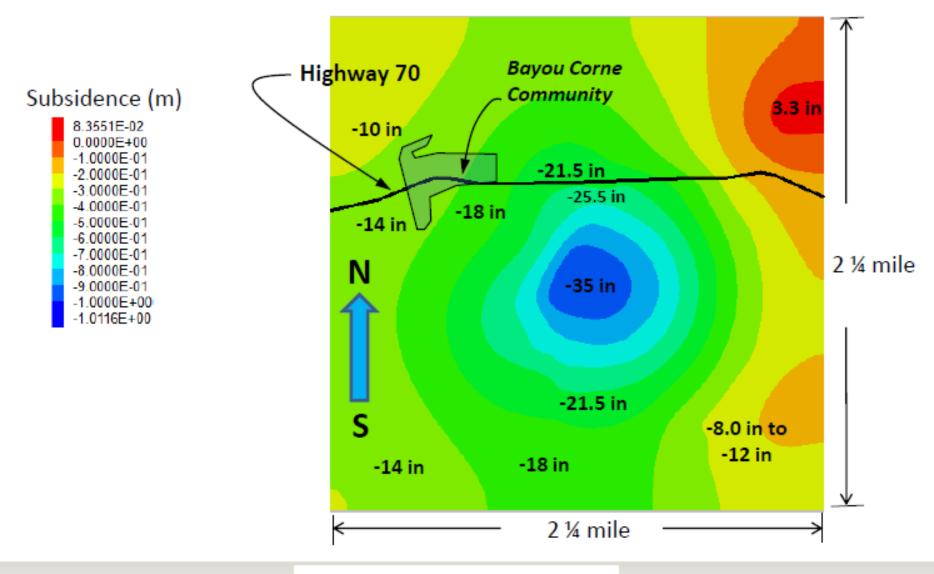
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#### Predicted Subsidence Contours: after 10 Years (2023)



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#### Predicted Subsidence Contours: after 30 Years (2043)



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